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Reviewer: Anne Corrigan

Timestamp: [year=2009; month=6; day=11; hr=12; min=39; sec=16; ms=741;]

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Application No: 10586071

Version No: 1.0

Input Set:

Output Set:

Started: 2009-06-04 13:19:44.436

Finished: 2009-06-04 13:19:47.221

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 785 ms

Total Warnings: 57

Total Errors: 0

No. of SeqIDs Defined: 67

Actual SeqID Count: 67

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Input Set:

Output Set:

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Actual SeqID Count: 67

Error code

Error Description

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20 25 30

Lys Lys Cys Pro Ser Thr His Ser Glu Glu Leu His Asp Cys Ile Gln
35 40 45

Lys Thr Leu Asn Glu Trp Ser Ser Gln Ile Asn Pro Asp Leu Val Arg
50 55 60

Glu Phe Pro Asp Val Leu Glu Cys Thr Val Ser His Ala Val Glu Lys
65 70 75 80

Ile Asn Pro Asp Glu Arg Glu Glu Met Lys Val Ser Ala Lys Leu Phe
85 90 95

Ile Val Glu Ser Asn Ser Ser Ser Ser Thr Arg Ser Ala Val Asp Met
100 105 110

Ala Cys Ser Val Leu Gly Val Ala Gln Leu Asp Ser Val Ile Ile Ala
115 120 125

Ser Pro Pro Ile Glu Asp Gly Val Asn Leu Ser Leu Glu His Leu Gln
130 135 140

Pro Tyr Trp Glu Glu Leu Glu Asn Leu Val Gln Ser Lys Lys Ile Val
145 150 155 160

Ala Ile Gly Thr Ser Asp Leu Asp Lys Thr Gln Leu Glu Gln Leu Tyr

165

170

175

Gln Trp Ala Gln Val Lys Pro Asn Ser Asn Gln Val Asn Leu Ala Ser
 180 185 190

Cys Cys Val Met Pro Pro Asp Leu Thr Ala Phe Ala Lys Gln Phe Asp
 195 200 205

Ile Gln Leu Leu Thr His Asn Asp Pro Lys Glu Leu Leu Ser Glu Ala
 210 215 220

Ser Phe Gln Glu Ala Leu Gln Glu Ser Ile Pro Asp Ile Gln Ala His
 225 230 235 240

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Arg Gly Ile Ile Lys Ser Lys Gly Tyr Ile Leu Gln Ala Lys Arg Arg
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 <212> PRT
 <213> Homo sapiens

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Leu Arg Thr Ser Gln Glu Pro Thr Ser Ser Glu Val Val Ser Tyr Ala
 35 40 45

Pro Phe Thr Leu Phe Pro Ser Leu Val Pro Ser Ala Leu Leu Glu Gln
 50 55 60

Ala Tyr Ala Val Gln Met Asp Phe Asn Leu Leu Val Asp Ala Val Ser
 65 70 75 80

Gln	Asn	Ala	Ala	Phe	Leu	Glu	Gln	Thr	Leu	Ser	Ser	Thr	Ile	Lys	Gln	85	90	95
Asp	Asp	Phe	Thr	Ala	Arg	Leu	Phe	Asp	Ile	His	Lys	Gln	Val	Leu	Lys	100	105	110
Glu	Gly	Ile	Ala	Gln	Thr	Val	Phe	Leu	Gly	Leu	Asn	Arg	Ser	Asp	Tyr	115	120	125
Met	Phe	Gln	Arg	Ser	Ala	Asp	Gly	Ser	Pro	Ala	Leu	Lys	Gln	Ile	Glu	130	135	140
Ile	Asn	Thr	Ile	Ser	Ala	Ser	Phe	Gly	Gly	Leu	Ala	Ser	Arg	Thr	Pro	145	150	155
Ala	Val	His	Arg	His	Val	Leu	Ser	Val	Leu	Ser	Lys	Thr	Lys	Glu	Ala	165	170	175
Gly	Lys	Ile	Leu	Ser	Asn	Asn	Pro	Ser	Lys	Gly	Leu	Ala	Leu	Gly	Ile	180	185	190
Ala	Lys	Ala	Trp	Glu	Leu	Tyr	Gly	Ser	Pro	Asn	Ala	Leu	Val	Leu	Leu	195	200	205
Ile	Ala	Gln	Glu	Lys	Glu	Arg	Asn	Ile	Phe	Asp	Gln	Arg	Ala	Ile	Glu	210	215	220
Asn	Glu	Leu	Leu	Ala	Arg	Asn	Ile	His	Val	Ile	Arg	Arg	Thr	Phe	Glu	225	230	235
Asp	Ile	Ser	Glu	Lys	Gly	Ser	Leu	Asp	Gln	Asp	Arg	Arg	Leu	Phe	Val	245	250	255
Asp	Gly	Gln	Glu	Ile	Ala	Val	Val	Tyr	Phe	Arg	Asp	Gly	Tyr	Met	Pro	260	265	270
Arg	Gln	Tyr	Ser	Leu	Gln	Asn	Trp	Glu	Ala	Arg	Leu	Leu	Leu	Glu	Arg	275	280	285
Ser	His	Ala	Ala	Lys	Cys	Pro	Asp	Ile	Ala	Thr	Gln	Leu	Ala	Gly	Thr	290	295	300

Lys Lys Val Gln Gln Glu Leu Ser Arg Pro Gly Met Leu Glu Met Leu
305 310 315 320

Leu Pro Gly Gln Pro Glu Ala Val Ala Arg Leu Arg Ala Thr Phe Ala
325 330 335

Gly Leu Tyr Ser Leu Asp Val Gly Glu Glu Gly Asp Gln Ala Ile Ala
340 345 350

Glu Ala Leu Ala Ala Pro Ser Arg Phe Val Leu Lys Pro Gln Arg Glu
355 360 365

Gly Gly Gly Asn Asn Leu Tyr Gly Glu Glu Met Val Gln Ala Leu Lys
370 375 380

Gln Leu Lys Asp Ser Glu Glu Arg Ala Ser Tyr Ile Leu Met Glu Lys
385 390 395 400

Ile Glu Pro Glu Pro Phe Glu Asn Cys Leu Leu Arg Pro Gly Ser Pro
405 410 415

Ala Arg Val Val Gln Cys Ile Ser Glu Leu Gly Ile Phe Gly Val Tyr
420 425 430

Val Arg Gln Glu Lys Thr Leu Val Met Asn Lys His Val Gly His Leu
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Val Ala Val Leu Asp Asn Pro Tyr Pro Val
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<213> Homo sapiens

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Phe Ser Ala Arg Pro Leu Ala Gly Gly Glu Pro Val Ser Leu Gly Ser
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Leu Arg Gly Lys Val Leu Leu Ile Glu Asn Val Ala Ser Leu Xaa Gly
35 40 45

Thr Thr Val Arg Asp Tyr Thr Gln Met Asn Glu Leu Gln Arg Arg Leu
50 55 60

Gly Pro Arg Gly Leu Val Val Leu Gly Phe Pro Cys Asn Gln Phe Gly
65 70 75 80

His Gln Glu Asn Ala Lys Asn Glu Glu Ile Leu Asn Ser Leu Lys Tyr
85 90 95

Val Arg Pro Gly Gly Gly Phe Glu Pro Asn Phe Met Leu Phe Glu Lys
100 105 110

Cys Glu Val Asn Gly Ala Gly Ala His Pro Leu Phe Ala Phe Leu Arg
115 120 125

Glu Ala Leu Pro Ala Pro Ser Asp Asp Ala Thr Ala Leu Met Thr Asp
130 135 140

Pro Lys Leu Ile Thr Trp Ser Pro Val Cys Arg Asn Asp Val Ala Trp
145 150 155 160

Asn Phe Glu Lys Phe Leu Val Gly Pro Asp Gly Val Pro Leu Arg Arg
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Tyr Ser Arg Arg Phe Gln Thr Ile Asp Ile Glu Pro Asp Ile Glu Ala
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Leu Leu Ser Gln Gly Pro Ser Cys Ala
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<210> 13
<211> 501
<212> PRT
<213> Homo sapiens

<400> 13

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Gln Gly Asn Val Asn Gly Arg Leu Pro Ser Leu Gly Asn Lys Glu Pro
20 25 30

Pro Gly Gln Glu Lys Val Gln Leu Lys Arg Lys Val Thr Leu Leu Arg
35 40 45

Gly Val Ser Ile Ile Ile Gly Thr Ile Ile Gly Ala Gly Ile Phe Ile
50 55 60

Ser Pro Lys Gly Val Leu Gln Asn Thr Gly Ser Val Gly Met Ser Leu
65 70 75 80

Thr Ile Trp Thr Val Cys Gly Val Leu Ser Leu Phe Gly Ala Leu Ser
85 90 95

Tyr Ala Glu Leu Gly Thr Thr Ile Lys Lys Ser Gly Gly His Tyr Thr
100 105 110

Tyr Ile Leu Glu Val Phe Gly Pro Leu Pro Ala Phe Val Arg Val Trp
115 120 125

Val Glu Leu Leu Ile Ile Arg Pro Ala Ala Thr Ala Val Ile Ser Leu
130 135 140

Ala Phe Gly Arg Tyr Ile Leu Glu Pro Phe Phe Ile Gln Cys Glu Ile
145 150 155 160

Pro Glu Leu Ala Ile Lys Leu Ile Thr Ala Val Gly Ile Thr Val Val
165 170 175

Met Val Leu Asn Ser Met Ser Val Ser Trp Ser Ala Arg Ile Gln Ile
180 185 190

Phe Leu Thr Phe Cys Lys Leu Thr Ala Ile Leu Ile Ile Ile Val Pro
195 200 205

Gly Val Met Gln Leu Ile Lys Gly Gln Thr Gln Asn Phe Lys Asp Ala
210 215 220

Phe	Ser	Gly	Arg	Asp	Ser	Ser	Ile	Thr	Arg	Leu	Pro	Leu	Ala	Phe	Tyr	225	230	235	240
Tyr	Gly	Met	Tyr	Ala	Tyr	Ala	Gly	Trp	Phe	Tyr	Leu	Asn	Phe	Val	Thr	245	250	255	
Glu	Glu	Val	Glu	Asn	Pro	Glu	Lys	Thr	Ile	Pro	Leu	Ala	Ile	Cys	Ile	260	265	270	
Ser	Met	Ala	Ile	Val	Thr	Ile	Gly	Tyr	Val	Leu	Thr	Asn	Val	Ala	Tyr	275	280	285	
Phe	Thr	Thr	Ile	Asn	Ala	Glu	Glu	Leu	Leu	Leu	Ser	Asn	Ala	Val	Ala	290	295	300	
Val	Thr	Phe	Ser	Glu	Arg	Leu	Leu	Gly	Asn	Phe	Ser	Leu	Ala	Val	Pro	305	310	315	320
Ile	Phe	Val	Ala	Leu	Ser	Cys	Phe	Gly	Ser	Met	Asn	Gly	Gly	Val	Phe	325	330	335	
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Glu	Ile	Leu	Ser	Met	Ile	His	Val	Arg	Lys	His	Thr	Pro	Leu	Pro	Ala	355	360	365	
Val	Ile	Val	Leu	His	Pro	Leu	Thr	Met	Ile	Met	Leu	Phe	Ser	Gly	Asp	370	375	380	
Leu	Asp	Ser	Leu	Leu	Asn	Phe	Leu	Ser	Phe	Ala	Arg	Trp	Leu	Phe	Ile	385	390	395	400
Gly	Leu	Ala	Val	Ala	Gly	Leu	Ile	Tyr	Leu	Arg	Tyr	Lys	Cys	Pro	Asp	405	410	415	
Met	His	Arg	Pro	Phe	Lys	Val	Pro	Leu	Phe	Ile	Pro	Ala	Leu	Phe	Ser	420	425	430	
Phe	Thr	Cys	Leu	Phe	Met	Val	Ala	Leu	Ser	Leu	Tyr	Ser	Asp	Pro	Phe	435	440	445	

Ser Thr Gly Ile Gly Phe Val Ile Thr Leu Thr Gly Val Pro Ala Tyr
450 455 460

Tyr Leu Phe Ile Ile Trp Asp Lys Lys Pro Arg Trp Phe Arg Ile Met
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Ser Glu Lys Ile Thr Arg Thr Leu Gln Ile Ile Leu Glu Val Val Pro
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Glu Glu Asp Lys Leu
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